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# NOTES OF THE CAMPUS

## MECHANICAL ENGINEERING

Thirty senior mechanical engineers in charge of Professors F. W. Marquis and A. I. Brown, visited during inspection week (April 30-May 7) the following plants: Monday at Akron, The Goodyear Tire and Rubber Company, The Firestone Steel Products Company, The Babcock and Wilcox Company (Barberton), and The B. F. Goodrich Rubber Company on Tuesday; Tuesday at Cleveland, The Cleveland Electric Illuminating Company; Wednesday at Niagara Falls, Atcheson Graphite Company, The Carborundum Company, The Shredded Wheat Company, Niagara Wall Paper Company, The Niagara Falls Power Company, and the Hydro-Electric Commission of Ontario; Thursday at Buffalo, Farrel-Birmingham



The M. E.'s stop inspecting long enough to have a picture snapped

Company, Inc., the American Radiator Company, Worthington Pump and Machinery Corporation and the Charles R. Huntly Steam Plant of the Buffalo General Electric Company Friday and Saturday at Pittsburgh, The Westinghouse Manufacturing Company, National Tube Works, The American Window Glass Company, and The United States Aluminum Company.

The junior mechanical engineers in charge of Professors K. W. Stinson and C. P. Brown visited plants in the following cities: Monday, Tuesday and Wednesday at Cleveland, The Cleveland Twist Drill Company, Industrial Brown-Hoist Corporation, American Steel and Wire Company, The White Company, The D. Connelly Boiler Company, the aBiley Meter Company, The Cleveland Electric Illuminating Company, The W. S. Tyler Company, The F. B. Stearns Company, The United States Aluminum Company, and the Pumping Station of the City of Cleveland; Thursday, Friday and Saturday at Detroit, the Detroit Oak Belting Company, the Parke and Davis Company, the Detroit Edison Company, the Hudson Motor Car Company, the Continental Motors Corporation,

the Chrysler Motor Corporation, the Michigan Copper and Brass Company, the Timken-Detroit Axle Company, the Ford Motor Company, the Burroughs Adding Machine Company, the General Motors Office Building, and the Detroit Motorbus Company.

## STUDENT SOCIETY OF INDUSTRIAL ENGINEERS

The last meeting of the S. S. I. E. was held on April 12th. The speaker of the evening was Mr. Shearer. He is one of the representatives sent over to this country from England to the Jeffry Manufacturing Company, and is in charge of changing the coal mines in England from hand labor to machine work. His talk was one of the most interesting that we have had. Although the subject that he was to talk on was "British Labor Problems," and was covered fully, he told a great deal of the processes that are used in the mines, which are very different from those used in our country.

## DEPARTMENT OF INDUSTRIAL ENGINEERING

We have a new addition to our department in Mr. Offord. Mr. Offord has had a world of experience in Time Study work and in railroad shop methods.

The truth is finally out. Otto Winter finally broke down and admitted that he was not president of the Harrison Radiator Corporation, he was only Vice-President.

If you go to the machine shop some afternoon and see a gang of students each with a note board and a stop watch, you are seeing Prof. Younger's time study class in action. The students in machine shop are on a piece rate basis just like in a regular factory, and accurate time studies are now being taken to find out if the rate is right and to find how much it costs per piece to make and machine some of the projects.

The Industrial Engineering inspection trip this year took in Cincinnati. Contrary with the usual procedure of running inspection trips, Prof. Younger decided that we would go only to one city and to visit only one plant a day and study the methods used, carefully. This was quite different from the ordinary sight-seeing tour type of inspection trip.

## DEPARTMENT OF ARCHITECTURE

Prof. Charles St. J. Chubb spent the week of May 13th in St. Louis attending the conventions of the Association of Collegiate Schools of Architecture and the American Institute of Architects.

## MINE ENGINEERING

The Prospectors' Club held a dinner meeting, Tuesday, May 8, in Pomerene Hall. Mr. A. T. Cape of the Central Alloy Steel Co., gave a short talk on college life in the Royal School of Mines in England. Further brief comments were made by Prof. Wm. A. Mueller of the Department of Metallurgy, Mr. Allen McManigal of the Department of Engineering Drawing, and Mr. E. V. O'Rourke of the Department of Mining. These were all thoroughly enjoyed, and another similar meeting was planned for May 29. At this meeting all Freshmen who are going to continue in Mining are especially urged to be present and get acquainted with the Faculty in Mining and Mineralogy as well as the advanced students. Plans for the float for Engineers' Day were discussed. The men named for next year's officers are as follows: President, Clifford S. LeVake; Vice-President, Lawrence T. Postle; Secretary-Treasurer, Wm. F. Bowin; Intramural Manager, Carl V. Spangler, and Representative to Engineers' Council, Joe L. Weaver.

## ELECTRICAL ENGINEERING DEPARTMENT

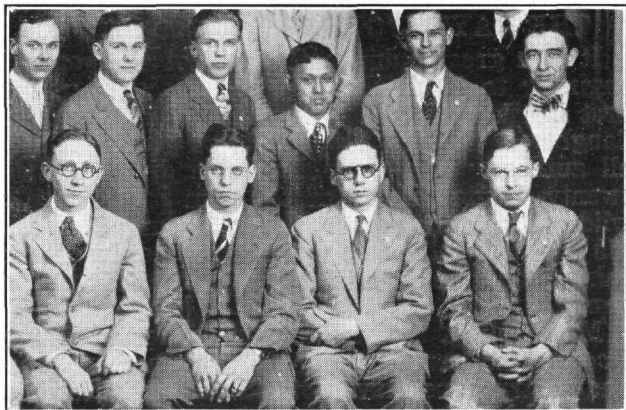
*The Stillman W. Robinson Fellowship*

Jack Douglas Ryder, E.E., '28, of Columbus, has been awarded the Robinson Fellowship for the coming year. Congratulations, Jack!

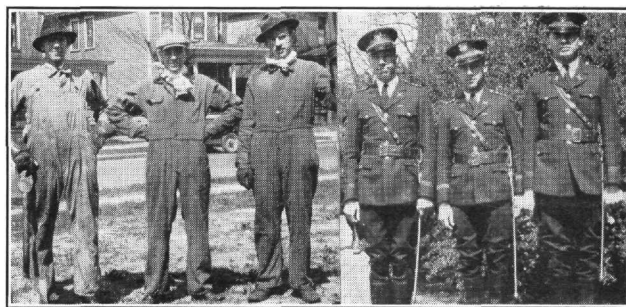
The fellowship was endowed by Stillman W. Robinson, late Professor of Mechanical Engineering, for the encouragement of graduate research in engineering and has an annual value of \$750, and is open to graduates in mechanical, civil and electrical engineering.

## INSPECTION TRIPS

Junior electricals in charge of Professors W. L. Everitt and A. A. Roetken visited plants in the following cities on inspection week, April 30-May 7: Monday and Tuesday, Cleveland; Wednesday, Toledo; Thursday, Fort Wayne, Ind., and Friday and Saturday, Dayton. Seniors in charge of Professors A. F. Puchstein and T. C. Lloyd, visited plants in the following cities: Monday, Mansfield; Tuesday, Akron; Wednesday and Thursday, Niagara Falls; Friday and Saturday, Pittsburgh.



Some Junior Electricals



Puzzle Picture. Where have you seen these before?

Many seniors have already accepted positions and upon graduation will be starting new trails. R. M. Sly will be with the General Electric Company and Kenneth Boger will go to the Fort Wayne Works of the General Electric Company.

## SCHOLARSHIP DAY

Dr. Arthur A. Compton, professor of physics at the University of Chicago, and co-sharer of the 1928 Nobel prize in physics, gave the Scholarship Day address on April 23 in the University Chapel. He lectured on "What Things Are Made of." The lecture was demonstrated by moving pictures showing the molecular motions.

The Graduate Council has for the first time co-operated with the Department of Electrical Engineering and the Student Branch of the American Institute of Electrical Engineers in bringing here Dr. E. J. Berg, professor of electrical engineering at Union College, Schenectady, N. Y. Dr. Berg lectured on Heaviside's Operational Calculus Friday afternoon, April 25 and Saturday morning. On Friday evening he spoke at Campbell Hall. He predicted that the public would forget Steinmetz in less than a hundred years and that Heaviside's memory would last a thousand years. Dr. Berg lived and worked with Steinmetz and was one of the few men to become intimately acquainted with Heaviside.

## CHEMICAL ENGINEERING

The student branch of the American Institute of Chemical Engineers held their first meeting of the spring quarter on April 25th. Major I. E. Titus gave a very interesting and instructive, illustrated lecture on the Chemical Warfare Service. He described the properties and effects of the most common gases used in the Great War, and particularly stressed the fact that the use of gas was not so cruel as is commonly supposed, and also that these gases have important uses in peace time.

He also described at some length the important work done by the Chemical Warfare Service at Edgewood Arsenal, Maryland, on such insect parasites as the boll weevil, and the marine borer, also the barnacles which attach themselves to the bottoms of ships.

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## CAMPUS NOTES

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The junior and senior Chemical Engineers made their inspection trip the week of April 30 to May 5th. Forty-one went on the trip.

The plants visited were as follows:

April 30—The Duiron Co., Dayton, Ohio; National Cash Register Co., Dayton, Ohio; Frigidaire Co., Dayton, Ohio; West Carrollton Paper Co., West Carrollton, Ohio; The Cincinnati Chemical Co., Cincinnati, Ohio.

May 1—American Diamalt Co., The American Oak Leather Co., The Drackett Chemical Co., The Proctor & Gamble Co., The Emery Candle Co., The Flintkote Co., all of Cincinnati, Ohio.

May 2—Sherwin Williams Co., Kinsington, Ill.; International Lead Refining Co., U. S. Lead Refining Co., Grasselli Chemical Co., Universal Portland Cement Co., Standard Oil Co., all of East Chicago, Ind.

May 3—Booth Fisheries Co., Swift & Co., Armour & Co., Sears, Roebuck & Co., Corn Products Refining Co., of Chicago.

May 4—Fordson Plant and Ford Motor Co., Parke-Davis Co., Detroit Chemical Co., Detroit Sulphite Pulp & Paper Co., all of Detroit, Mich., Michigan Alkali Co., Wyandotte, Mich.

May 5—Dow Chemical Co., Midland, Mich.

The trip was taken to obtain first hand information of the technical application of chemistry and engineering in manufacturing enterprises.

On May 12th, the Chemical Engineers held their annual picnic.

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